



Emerging issues in the Pacific Basin

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Abstract:

This review provides a snapshot of some key environmental health issues that will provide ongoing challenges for the Pacific Basin region in the coming decades. It is clear that climate change as well as the rapidly increasing production of environmental pollutants are significant emerging environmental health issues. To date, research in these areas is limited, and the consequences of potential changes in disease vector distribution, disease outbreaks associated with climate change-induced severe weather events, and the consequences of chronic exposure to engineered nanoparticles and persistent organic pollutants (POPs), particularly in children, remain to be determined. Clearly, any progress in (i) predicting the outcomes of potential environmental health issues in the future, (ii) identifying subpopulations (at local, national, and international levels) that are at risk, and (iii) establishing measures to limit the impact of these issues in terms of public health, will require a coordinated effort from scientists, epidemiologists, monitoring agencies, governments, and aid agencies.

Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

Extreme Weather Event, Temperature, Other Exposure

Geographic Feature:

resource focuses on specific type of geography

Ocean/Coastal

Geographic Location:

resource focuses on specific location

Non-United States

Non-United States: Australasia

Health Impact:

specification of health effect or disease related to climate change exposure

General Health Impact, Infectious Disease, Neurological Effect

Climate Change and Human Health Literature Portal

Infectious Disease: Vectorborne Disease, Zoonotic Disease

Population of Concern: A focus of content

Resource Type: 

format or standard characteristic of resource

Review

Timescale: 

time period studied

Time Scale Unspecified

Vulnerability/Impact Assessment: 

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

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